



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherchen-  
abteilung

European  
Patent Office

Branch at  
The Hague  
Search  
division

Office européen  
des brevets

Département à  
La Haye  
Division de la  
recherche

HOFFMANN - EITLE  
Patent- und Rechtsanwälte  
Arabellastrasse 4  
81925 München  
ALLEMAGNE

EINGEGANGEN

10. Juli 2002

HOFFMANN • EITLE, MÜNCHEN  
PATENTANWÄLTE RECHTSANWÄLTE

Datum/Date

10.07.02

Zeichen/Ref./Réf.

86 301 a/scho

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

01102841.2-2412-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire  
FUJITSU LIMITED

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

3

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT							
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)				
Y	PERKINS C: "Mobile IP and security issue: an overview" IEEE/POPOV WORKSHOP ON INTERNET TECHNOLOGIES AND SERVICES. PROCEEDINGS. PROCEEDINGS OF IEEE-RPS JOINT CONFERENCE ON INTERNET TECHNOLOGIES AND SERVICES, XX, XX, 25 October 1999 (1999-10-25), pages 131-148, XP002175231 * page 131, line 10 - page 138, line 38 * * page 141, line 3 - page 146, line 31 * ---	1-15	H04L29/06				
Y	RIGNEY C ET AL: "RFC 2058: Remote Authentication Dial In User Service (RADIUS)" January 1997 (1997-01) <a href="http://www.ietf.org/rfc/rfc2058.txt">http://www.ietf.org/rfc/rfc2058.txt</a> XP002203019 * page 3, line 5 - page 17, line 46 * * page 25, line 27 - page 27, line 13 * ---	1-15					
Y	PORTA LA T F ET AL: "MOBILE IP AND WIDE AREA WIRELESS DATA" WCNC. IEEE WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE, XX, XX, 21 September 1999 (1999-09-21), pages 1528-1532, XP002145005 * page 1528, column 1, line 19 - page 1529, column 1, line 23 * * page 1529, column 2, line 27 - page 1532, column 1, line 41 * ---	1-15	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04L H04Q				
Y	US 5 915 220 A (CHELLIAH SIVANANTHAN) 22 June 1999 (1999-06-22) * column 2, line 15 - column 3, line 62 * --- -/--	1-15					
The present search report has been drawn up for all claims							
Place of search MUNICH		Date of completion of the search 21 June 2002	Examiner Lastoria, G				
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- &amp; : member of the same patent family, corresponding document</td></tr><tr><td>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</td><td></td></tr></table>				CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	
CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document						
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document							

10  
EPO FORM 1503 03.02 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	3rd Generation Partnership Project - Technical Specification Group Services and System Aspects: "Combined GSM and MobileIP Mobility Handling in UMTS IP CN (3G TR 23.923 version 1.0.0)" 06 October 1999 (1999-10-06) ftp://ftp.3gpp.org/specs/archive/23_series/23.923/ XP002203015 * the whole document * -----	1-15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 21 June 2002	Examiner Lastoria, G
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

10  
EPO FORM 1503 03 02 (P04C01)

EP 01 10 2841

21-06-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5915220	A	22-06-1999	NONE

## PRIOR ART INFORMATION LIST

Your case No.	FUJ018.314 (100794-11658)
Our case No.	2000FJ613-1

Inventor, Patent number, Country, Author, Title, Number of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
1. C. Perkins, "Mobile IP and Security Issue: An Overview"		
2. C. Rigney, et al., "RFC 2058: Remote Authentication Dial In User Service (RADIUS)"		
3. T. F. La Porta, et al., "Mobile IP and Wide Area Wireless Data"		
4. USP 5,915,220 S. Chelliah		
5. "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Combined GSM and MobileIP Mobility Handling in UMTS IP CN (3G TR 23.923 version 1.0.0)		